

**Issued: December 1, 2016**

**Program: Optional Marine Electrician Endorsement  
(available to Certified Construction Electricians or Industrial Electricians)**

**To:** ITA Training Providers  
Articulation Chair  
System Liaison Person  
School Districts

**Subject** **Launch of Optional Marine Electrician Endorsement Program**

**OPSN No.:** **OPSN 2016-018**

**Effective Date:** **December 1, 2016**

**Information:** Please be advised that the Marine Electrician Endorsement Program has been launched by the Industry Training Authority (ITA). The Program Profile, Program Outline and documentation required to apply to challenge have been posted on the ITA website at [www.itabc.ca](http://www.itabc.ca).

**Details: Marine Electrician Endorsement**

An endorsement program is a post-Certificate of Qualification (C of Q) training program designed to develop and recognize a specific or specialized skill set as defined and approved by industry.

This endorsement is open to individuals who hold a Certificate of Qualification (C of Q) certification with Red Seal Endorsement in Construction Electrician or Industrial Electrician.

**Occupation Description**

A Marine Electrician understands electrical installation and maintenance of electrical equipment in a marine environment and is responsible for the safe operation and distribution of AC and DC electrical power to the various ship systems. Marine electricians apply and install transits, cabling and terminations, interpret marine electrical drawings, and interpret and apply marine codes and regulations. They use test equipment for troubleshooting ship systems such as main and auxiliary power generation, propulsion, navigational lighting, domestic lighting, hydraulic, pneumatic, communication, alarm, and use maintenance management systems.

**Technical Training Completion Requirements**

1. Technical Training: 1 Level, 180 hours (or 6 weeks), achievement minimum 70%
2. ITA Standardized Written Exam: achievement minimum 70%
3. Work-Based Training Hours: 1,680 (directly related experience working as a journeyman in the Shipbuilding and Repair Industry)

**Challenge Pathway Completion Requirements**

Individuals who have extensive experience working in the occupation may challenge the certification.

1. Approved Challenge Application including 2,520 work-based training hours directly related experience working as a journeyperson in the Shipbuilding and Repair Industry
2. ITA Standardized Written Exam: achievement minimum 70%

Please refer to the Electrician Endorsement - Marine Electrician Program Page at [www.itabc.ca](http://www.itabc.ca) regarding challenge of this program.

**For more  
information  
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